

**LUMINAIRE:** PEL4-30HH-NL-EDU  
 Peloton Led Highbay, Industrial  
 4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
 Data Scaled from Test# 18.00582  
**BALLAST:** XI190C275V054BSG1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 62402  
**WATTS:** 410.20  
**MOUNTING:** Pendant  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.30 90° = 1.29  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.78  
 WIDTH: 1.42  
 HEIGHT: 0.08

TEST #20491

DATE: 4/11/2018

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 152**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.58**

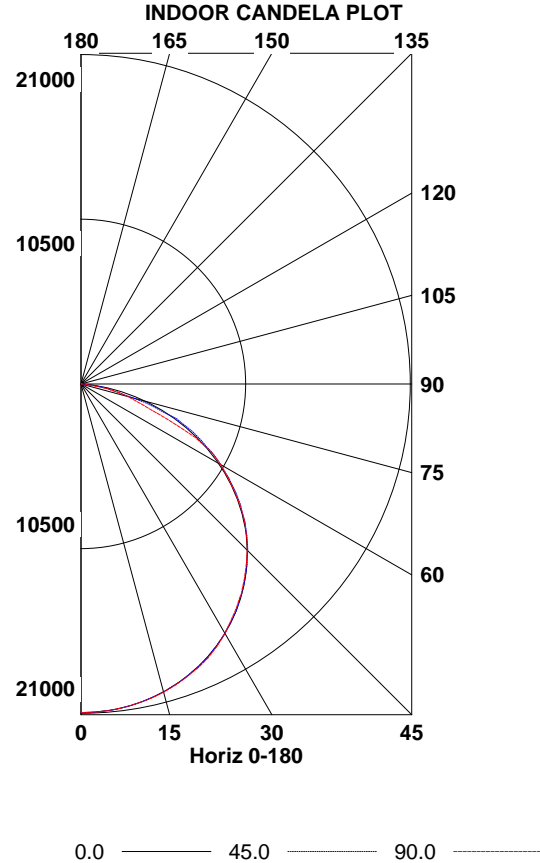
**BASED ON 3000 HRS. AND \$.08 PER KWH**

**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	16561	26.5	26.5
0-40	27427	44.0	44.0
0-60	49671	79.6	79.6
0-90	62387	100.0	100.0
90-120	11	0.0	0.0
90-130	14	0.0	0.0
90-150	15	0.0	0.0
90-180	15	0.0	0.0
0-180	62402	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	42018	42018	42018	42018	42018
30	41978	41431	41170	40966	41168
40	41833	41040	40719	40446	40492
45	41611	40705	40392	40030	40236
50	41196	40153	39880	39504	39862
55	40401	39225	39049	38620	38756
60	39153	37827	37714	37304	37586
65	37298	35879	35773	35410	33831
70	34593	33011	33109	25466	23732
75	30282	28650	21864	19496	19789
80	23612	21174	15471	15328	15054
85	13822	9173	6239	4091	4087



**COEFFICIENTS OF UTILIZATION (%)**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%															
	80%				70%				50%				30%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	59
R 4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	50
C 5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	43
R 6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	24

**ZONAL CAVITY METHOD**

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: \_\_\_\_\_

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4' Linear, Dual-Segment w/ 6 LED Boards, No Lens  
Data Scaled from Test# 18.00582

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	20953*	20953	20953	20953	20953
2.5	20933	20934	20938	20941	20943
5.0	20881	20879	20886	20884	20886
7.5	20797	20793	20801	20802	20801
10.0	20669	20666	20682	20677	20674
12.5	20513	20498	20521	20505	20528
15.0	20310	20298	20321	20301	20344
17.5	20079	20066	20078	20061	20109
20.0	19805	19788	19809	19789	19840
22.5	19503	19482	19505	19478	19567
25.0	19158	19131	19155	19123	19228
27.5	18771	18743	18770	18730	18823
30.0	18350	18317	18342	18306	18357
32.5	17888	17851	17879	17845	17828
35.0	17387	17345	17382	17342	17324
37.5	16849	16802	16845	16808	16811
40.0	16264	16218	16270	16230	16199
42.5	15640	15598	15666	15614	15591
45.0	14983	14943	15023	14964	14987
47.5	14289	14247	14349	14291	14318
50.0	13538	13501	13618	13570	13635
52.5	12745	12710	12862	12795	12830
55.0	11905	11878	12043	11995	11977
57.5	11031	11012	11184	11153	11119
60.0	10120	10103	10296	10270	10286
62.5	9180	9184	9370	9376	9371
65.0	8217	8228	8425	8425	7991
67.5	7225	7245	7463	6623	6130
70.0	6243	6266	6497	5061	4674
72.5	5232	5266	4940	3801	3764
75.0	4217	4265	3399	3081	3091
77.5	3230	3305	2395	2415	2436
80.0	2290	2261	1756	1780	1720
82.5	1440	1098	1171	813	754
85.0	746	586	441	300	292
87.5	251	179	174	173	170
90.0	9	42	41	24	9
92.5	0	16	17	9	0
95.0	0	9	9	9	0
97.5	0	3	9	8	0
100.0	0	0	8	4	0
102.5	0	0	0	1	0
105.0	0	0	0	1	0
107.5	0	0	0	1	0
110.0	0	0	0	1	0
112.5	0	0	0	1	0
115.0	0	0	0	1	0
117.5	0	0	0	1	0
120.0	0	0	0	1	0
122.5	0	0	0	1	0
125.0	0	0	0	2	0
127.5	9	9	9	9	9
130.0	9	9	9	9	9
132.5	0	0	0	0	0
135.0	0	0	0	0	0
137.5	0	0	0	0	0
140.0	0	0	0	0	0
142.5	0	0	0	0	0
145.0	0	0	0	0	0
147.5	0	0	0	0	0
150.0	0	0	0	0	0
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
162.5	0	0	0	0	0
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE